

DEVICE FOR DAMPED ELASTIC CONNECTION AND METHOD OF MANUFACTURING IT

ABSTRACT

The device comprises at least two coaxial viscoelastic sleeves, one inside the other, with the interposition of an intermediate ring and between an internal ring and an external ring, the set thus formed being fixed around an internal armature and inside the outer sheath of an external armature, the armatures being connected by connecting members to the two parts between which the device is mounted. The shear moduli and the geometry of the two elastomer sleeves are chosen so that their stiffness is identical.

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